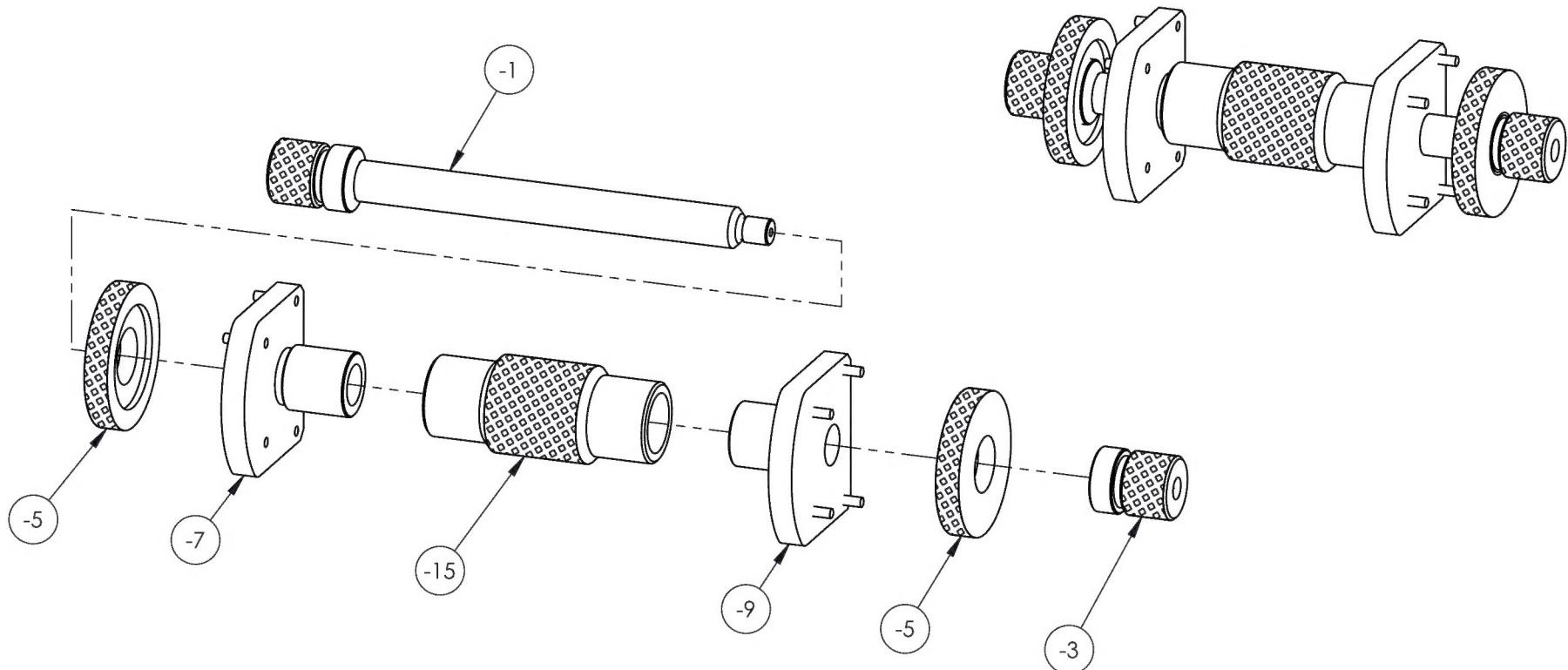


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			REVISIONS			
REV	ECR		DESCRIPTION	DATE	INITIAL	APPROVED
1			RELEASED FOR PRODUCTION.	8/31/2016	DPD	JAG

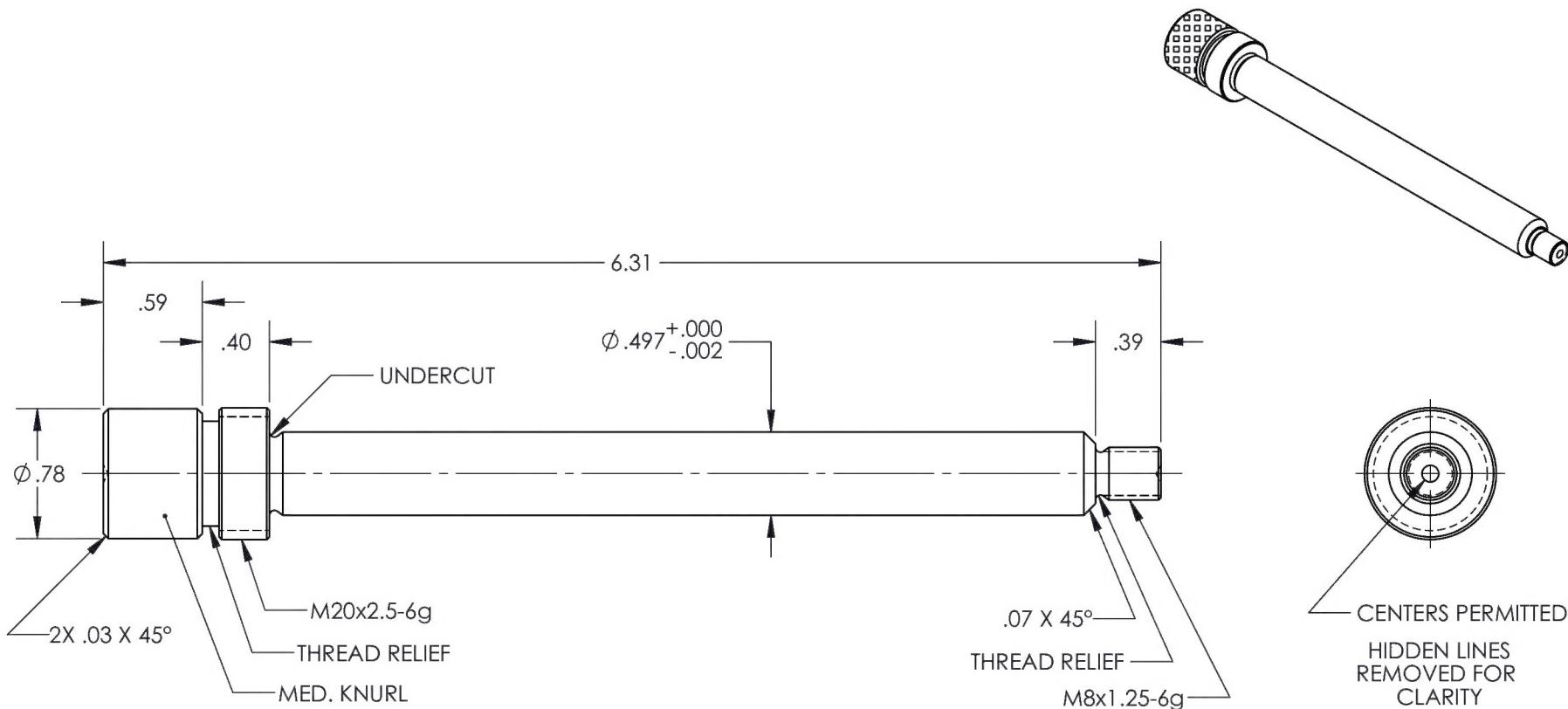


NOTE:  
REF. EUROCOPTER T/N: 105-31702W23.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	TITLE
		-1	1	1	LOCATING BOLT	BRASS		2	DART AEROSPACE
		-3	1	1	KNURLED NUT	BRASS		3	MEASURING DEVICE
		-5	2	1	MEASURING WASHER	4140/4142		4	DWG NO.
X		-7	1	1	MEASURING FLANGE RH ASSEMBLY			5	RBE105-31702W23
X		-9	1	1	MEASURING FLANGE LH ASSEMBLY			6	REV 1
	1	-11			MEASURING FLANGE PLATE RH	4140/4142		7	MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES HEAT FRACTIONS $\pm 1/8$ TREAT .XXX $\pm .005$ FINISH .XX $\pm .01$ ANGLES $\pm 5^\circ$ X $\pm .1$ SURFACES = 125
1		-13			MEASURING FLANGE PLATE LH	4140/4142		8	SPEC
		-15	1	1	ADJUSTABLE SLEEVE	BRASS		9	DRAWN BY: DUERFELDT
4	4	B/O	-17		DOWEL PIN	STEEL	M3 X 12mm (MCMASTER-CARR #91595A112)	5.6	CHECKED: CLOUGH
ASSY -9	ASSY -7								OPPS APPR: ANDERSON
									QA APPR: LINDSAY
									USED ON MODEL
									APPROVED: GILBERT
									EC145
									SCALE 1:2 DATE 1/18/2016 SHEET 1 OF 9

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REV		ECR		DESCRIPTION			DATE	INITIAL	APPROVED
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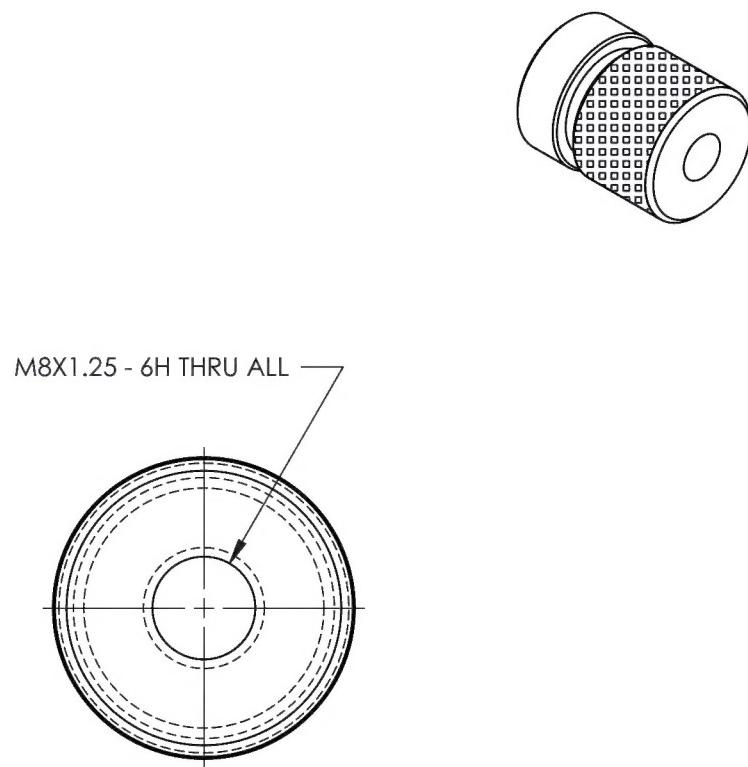
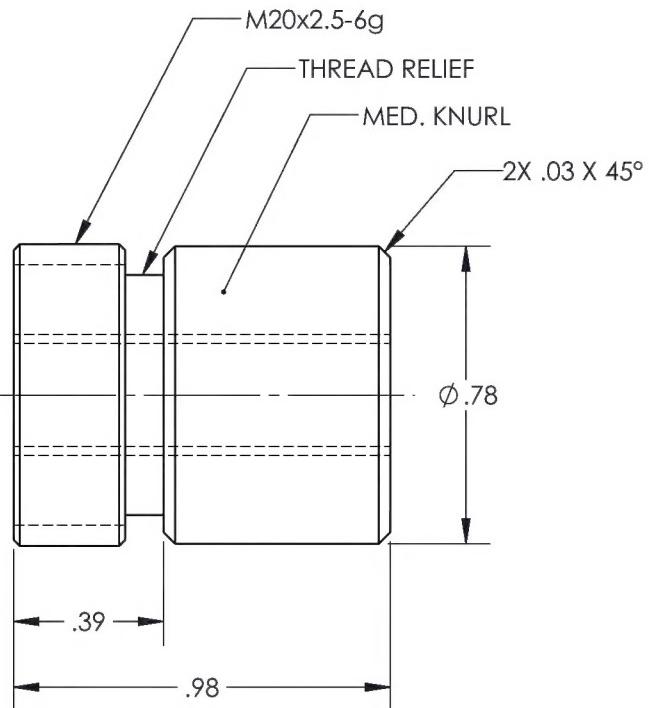


(-1)  
LOCATING BOLT

<b>DART</b> AEROSPACE	
TITLE	
MEASURING DEVICE	
DWG NO. RBE105-31702W23-1 REV 1	
MATERIAL BRASS UNLESS OTHERWISE SPECIFIED HEAT FRACTIONS $\pm 1/8$ TREAT ANGLES $\pm 5^\circ$ FINISH SURFACES = 125 SPEC	
DRAWN BY: DUERFELDT CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT USED ON MODEL EC145	
SCALE 1:1	DATE 1/18/2016
SHEET 2 OF 9	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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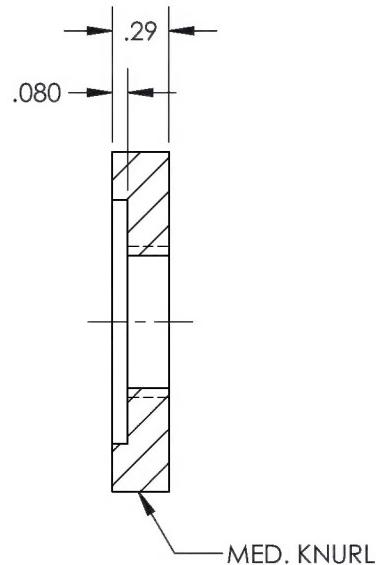
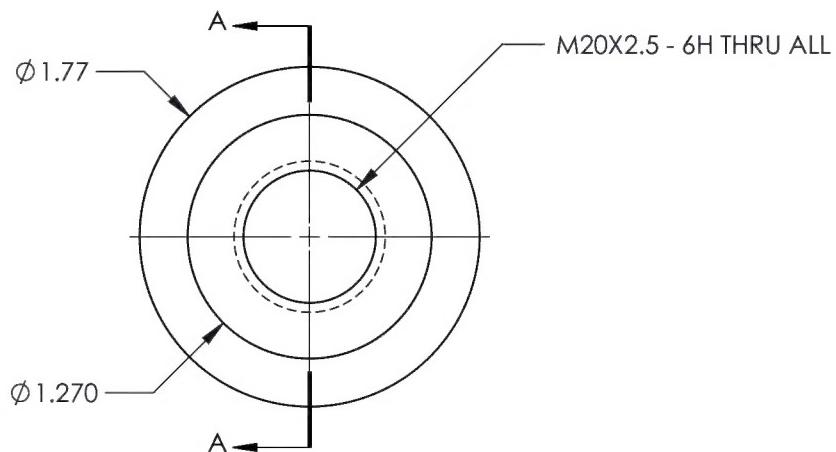
(-3)  
KNULED NUT

DART AEROSPACE	
TITLE	
MEASURING DEVICE	
DWG NO.	RBE105-31702W23-3
REV	1
MATERIAL BRASS	
HEAT TREAT	
FINISH	
SPEC	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	2:1
DATE	1/18/2016
SHEET 3 OF 9	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.XXX ± .005 FRACTIONS ± 1/8  
.XX ± .01 ANGLES ± 5°  
X ± .1 SURFACES = 125 ✓  
1. BREAK ALL SHARP EDGES  
.015 x 45° OR .015R  
2. DIMENSIONAL LIMITS APPLY  
AFTER PLATING  
3. INTERPRET DIM AND TOL PER  
ASME Y14.5M-2009  
USED ON MODEL  
EC145

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				DESCRIPTION		DATE
				INITIAL	APPROVED	



SECTION A-A

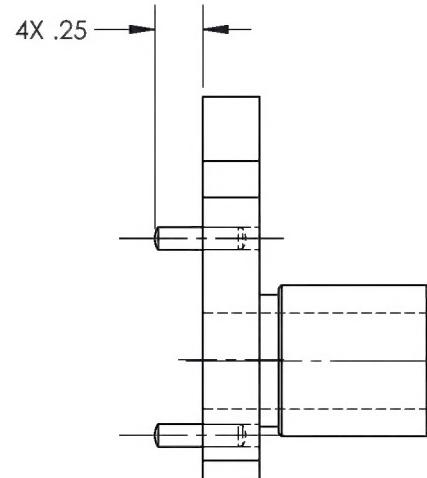
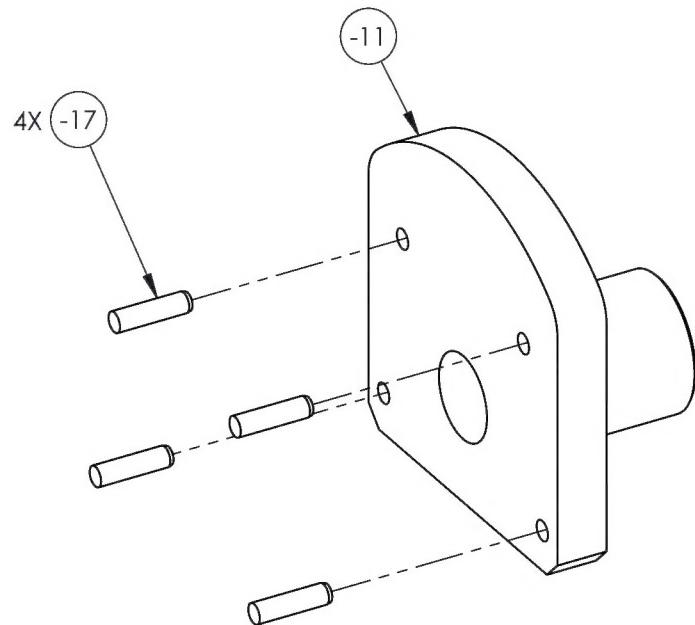
MEASURING WASHER

(-5)

<b>DART</b> AEROSPACE	
TITLE	
MEASURING DEVICE	
DWG NO. RBE105-31702W23-5	
REV 1	
MATERIAL 4140/4142	
HEAT TREAT RC 40-45	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:1
DATE	1/18/2016
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
EC145	
SHEET 4 OF 9	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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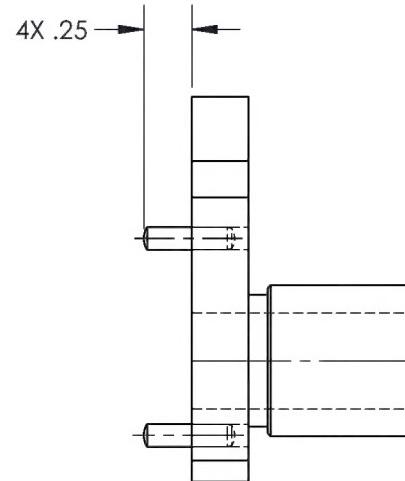
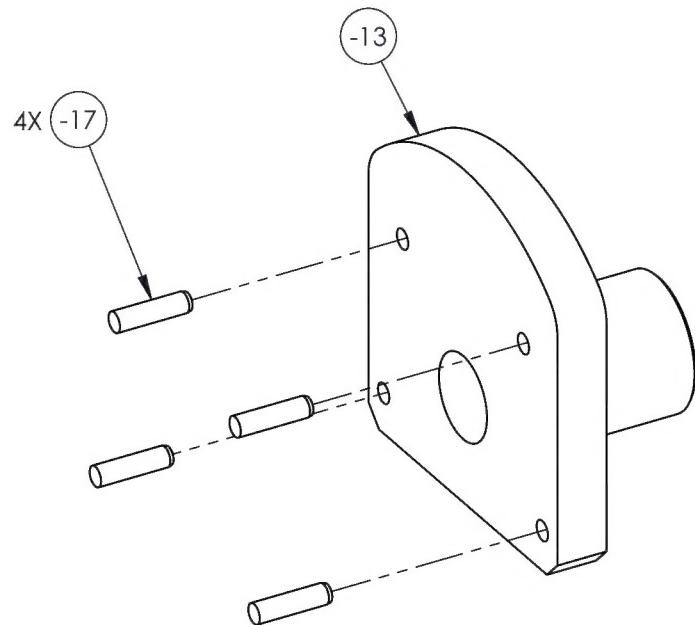


MEASURING FLANGE RH ASSEMBLY

TITLE	
MEASURING DEVICE	
DWG NO.	RBE105-31702W23-7
REV	1
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH	X ± .1 SURFACES = 125
SPEC	ASTM B633 TYPE I SC 2
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	EC145
SCALE	1:1
DATE	1/18/2016
SHEET 5 OF 9	

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				DESCRIPTION		DATE
				INITIAL	APPROVED	



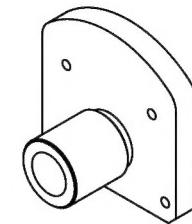
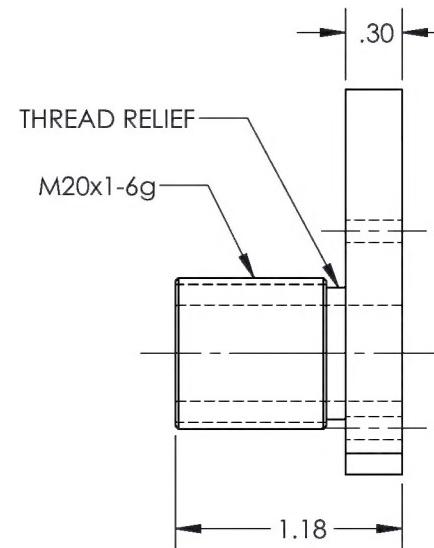
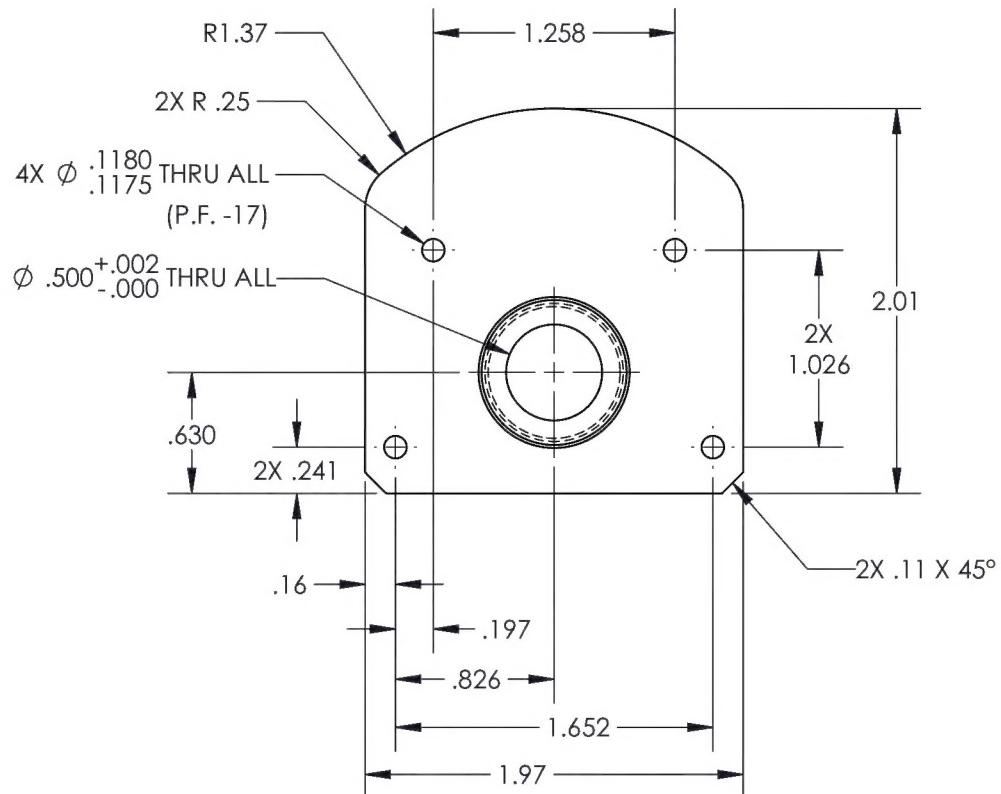
(-9)

MEASURING FLANGE LH ASSEMBLY

<b>DART</b> AEROSPACE	
TITLE	
MEASURING DEVICE	
DWG NO. RBE105-31702W23-9	
REV 1	
MAT'L	
HEAT	
TREAT	
FINISH ZINC PLATE	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
SCALE	1:1
DATE	1/18/2016
SHEET 6 OF 9	

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		DESCRIPTION	DATE	INITIAL APPROVED



MEASURING FLANGE PLATE RH

(-11)

<b>DART</b> AEROSPACE	
TITLE	
MEASURING DEVICE	
DWG NO.	RBE105-31702W23-11
REV	1
MATERIAL 4140/4142	
HEAT TREAT RC 40-45	
FINISH SEE -7	
SPEC	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	1:1
DATE	1/18/2016
SHEET 7 OF 9	

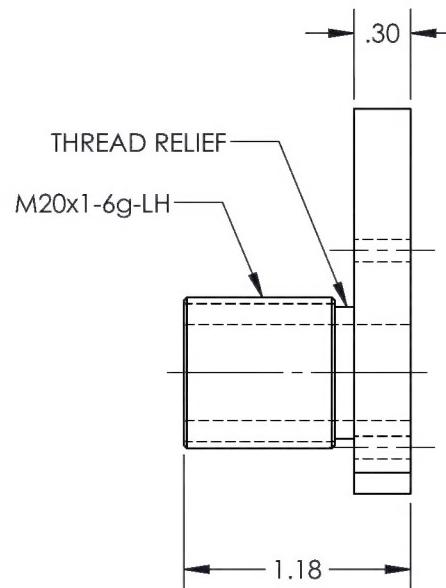
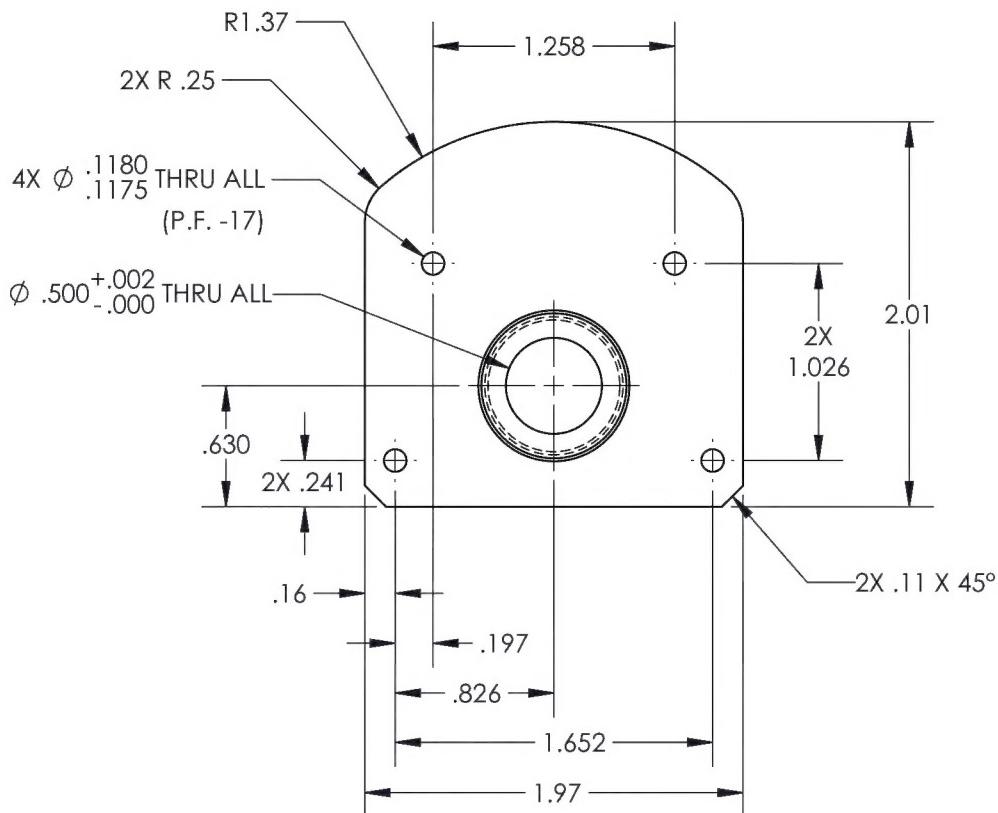
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.XXX ± .005 FRACTIONS ± 1/8  
.XX ± .01 ANGLES ± 5°  
X ± .1 SURFACES = 125 ✓

- BREAK ALL SHARP EDGES  
.015 x 45° OR .015R
- DIMENSIONAL LIMITS APPLY AFTER PLATING
- INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL

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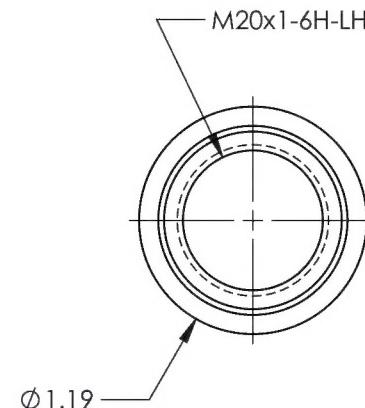
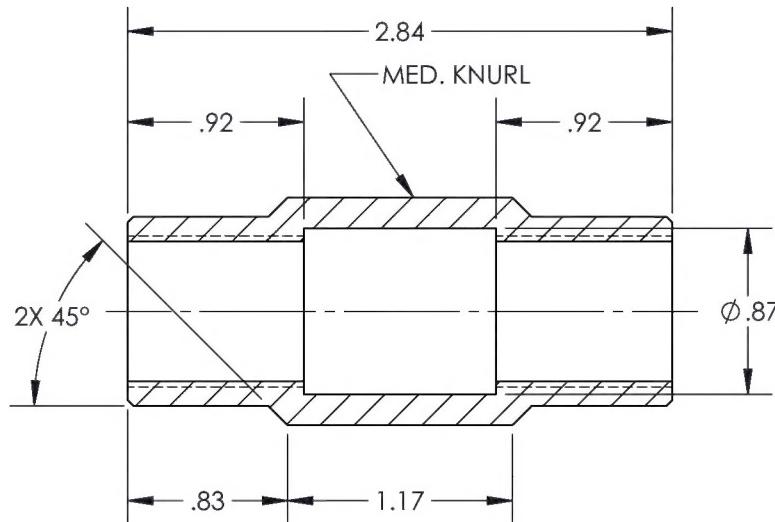
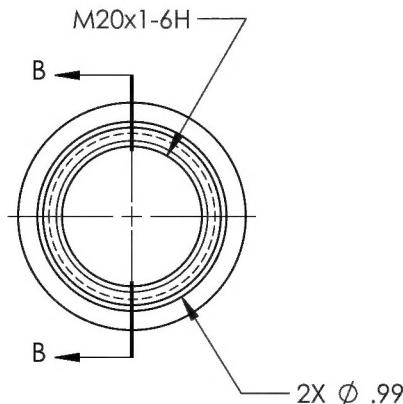
MEASURING FLANGE PLATE LH

(-13)

DART AEROSPACE	
TITLE	
MEASURING DEVICE	
DWG NO.	RBE105-31702W23-13
REV	1
MAT'L 4140/4142	
HEAT RC 40-45	
TREAT	
FINISH SEE -9	
SPEC	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	1:1
DATE	1/18/2016
USED ON MODEL	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1 SURFACES = 125 ✓	

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SECTION B-B

-15

ADJUSTABLE SLEEVE

<b>DART</b> AEROSPACE	
TITLE	
MEASURING DEVICE	
DWG NO.	RBE105-31702W23-15
REV	1
MATERIAL BRASS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH	X ± .1 SURFACES = 125 ✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	EC145
SCALE	1:1
DATE	1/18/2016
SHEET 9 OF 9	